

Amendments to the Claims:

Please amend the claims as shown.

1.-12. (canceled)

13. (currently amended) A computer-readable device for visualizing logically structured data based on a logical arrangement of said data via a display mechanism associated with a computing device, the computer-readable device containing computer readable code which when executed by the computing device effects the following:

a first selection means for displaying via the display mechanism a content of a folder, wherein the folder content comprises at least one component configured to have both a folder characteristic and a leaf characteristic, the folder characteristic of said at least one component comprising a plurality of objects logically subordinate relative to said at least one component, wherein the at least one component further comprises the leaf characteristic of said at least one component comprising at least one logically co-equal object relative to said at least one component, wherein the plurality of logically subordinate objects is graphically identified on the display mechanism by a plurality of corresponding icons positioned beneath said at least one component, wherein said at least one logically co-equal object is graphically identified by a corresponding icon positioned adjacent to said at least one component along a common row on the display mechanism;

at least one of the logically subordinate objects assigned an object property;

the at least one logically co-equal object assigned a property to operate on the at least one component;

a first processing application in the computing device, the first processing application associated with the leaf characteristic of said at least one component and configured to process the property assigned to the logically co-equal object;

a second processing application in the computing device, the second processing application associated with the folder characteristic of said at least one component and configured to process the object property assigned to said at least one of the logically subordinate objects;

a second selection means for launching the second processing application to process the object property assigned to said at least one of the logically subordinate objects, wherein the second selection means is located in a corresponding icon positioned beneath said at least one component, wherein the second selection means is configured to select activation by an user of the second processing application associated with the folder characteristic of said at least one component;

third selection means for launching the first processing application to process the property assigned to the logically co-equal object, wherein the third selection means is located in the icon positioned adjacent to said at least one component along the common row, wherein the third selection means is configured to select activation by the user of the first processing application associated with the leaf characteristic of said at least one component;

whereby the location of the plurality of icons corresponding to the logically subordinate objects, the location of the icon corresponding to said at least one logically co-equal object, and the respective locations of the second and the third selection means in combination result in forming a graphical arrangement on the display mechanism consistent with the logical arrangement of the logically structured data, wherein the display mechanism is a graphical user interface configured with the graphical arrangement, which includes said at least one component having both the folder characteristic and the leaf characteristic, whereby the graphical arrangement is configured so that the user can logically navigate through the folder characteristic and the leaf characteristic of said at least one component to configure an industrial automation system with the graphical user interface.

14. (previously presented) The device as claimed in claim 13, wherein the property assigned to the logically co-equal object is copyable.

15. (currently amended) The device as claimed in claim 13, wherein the component is generated during the configuration of ~~an~~ the industrial automation system.

16. (previously presented) The device as claimed in claim 13, wherein the structured data is structured in the form of a tree structure.

17. (cancelled).

18. (cancelled)

19. (cancelled).

20. (currently amended) The device as claimed in claim 13, wherein the computing device is part of ~~an~~ the industrial automation system.

21. (previously presented) The device as claimed in claim 16, further comprising:  
a textual information for the first application, wherein the textual information is located proximate to the icon corresponding to said at least one logically co-equal object positioned adjacent to said at least one component along the common row on the display mechanism.

22. (cancelled)

23. (currently amended) A method for visualizing logically structured data based on a logical arrangement of said data via a display mechanism associated with a computing device, comprising:

clicking on a first selecting means to display via the display mechanism a content of a folder, wherein the folder content comprises at least one component configured to have both a folder characteristic and a leaf characteristic, the folder characteristic of said at least one component comprising a plurality of objects logically subordinate relative to said at least one component, wherein the at least one component further comprises the leaf characteristic of said at least one component comprising at least one logically co-equal object relative to said at least one component;

graphically identifying the plurality of logically subordinate objects on the display mechanism by corresponding icons positioned beneath said at least one component;

graphically identifying said at least one logically co-equal object by a corresponding icon positioned adjacent to said at least one component along a common row on the display mechanism;

assigning an object property to at least one of the logically subordinate objects;

assigning a property to said at least one logically co-equal object to operate on the at least one component;

providing a first processing application associated with the leaf characteristic of said at least one component and configured to process the property assigned to said at least one logically co-equal object;

providing a second processing application associated with the folder characteristic of said at least one component and configured to process the object property assigned to said at least one of the logically subordinate objects;

launching the second processing application to process the object property assigned to said at least one of the logically subordinate objects by clicking on a second selection means located in a corresponding icon positioned beneath said at least one component, wherein the second selection means is configured to select activation by an user of the second processing application associated with the folder characteristic of said at least one component;

launching the first processing application to process the property assigned to said at least one logically co-equal object by clicking on a third selection means located in the corresponding icon positioned adjacent to said at least one component, wherein the third selection means is configured to select activation by the user of the first processing application associated with the leaf characteristic of said at least one component;

whereby the location of the plurality of icons corresponding to the logically subordinate objects, the location of the icon corresponding to said at least one logically co-equal object, and the respective locations of the second and the third selection means in combination result in forming a graphical arrangement on the display mechanism consistent with the logical arrangement of the logically structured data, wherein the display mechanism is a graphical user interface configured with the graphical arrangement, which includes said at least one component having both the folder characteristic and the leaf characteristic, whereby the graphical arrangement is configured so that the user can logically navigate through the folder characteristic and the leaf characteristic of said at least one component to configure an industrial automation system with the graphical user interface.

24. (previously presented) The method as claimed in claim 23, wherein the structured data is displayed in the form of a tree structure.

25. (cancelled)

26. (previously presented) The method as claimed in claim 23, further comprises copying the property assigned to the logically co-equal object.

27. (previously presented) The method as claimed in claim 23, further comprises displaying a textual information regarding the logically co-equal object.

28. (previously presented) The method as claimed in claim 27, wherein a display of the textual information is proximate to the icon corresponding to said at least one logically co-equal object .

29. (cancelled)

30. (currently amended) The method as claimed in claim 24, wherein the computing device is part of ~~an~~the industrial automation system.